



3734
#41 ISS
PATENT
Attorney Docket 62492

RECEIVED

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAY 10 1999

TECHNOLOGY CENTER 3700

Applicants: Tuan BUI et al.)
Appln No.: 09/248,057)
Filed: February 10, 1999)
For: MEDICAL APPARATUS)
USING SELECTIVE)
GRAPHICAL INTERFACE)
Group Art)
Unit: 3734)
Examiner: Not yet assigned)

CERTIFICATE OF MAILING

I hereby certify that this paper (along
with any paper referred to as being attached or
enclosed) is being deposited with the United
States Postal Service on the date shown below
with sufficient postage as first class mail
in an envelope addressed to: Commissioner of
Patents and Trademarks, Washington, D.C. 20231.

5/13/99

Date Registration No. 87,150
Attorney for Applicant(s)

RECEIVED

MAY 11 1999

TECHNOLOGY CENTER 3700

Commissioner of Patents and Trademarks
ATTENTION: Assistant Commissioner
for Patents
Washington, D.C. 20231

Sir:

In accordance with 37 CFR §§ 1.97 and 1.98,

Applicants bring the following information, which is also
listed on the attached Form PTO-1449, to the attention of the
Examiner.

TECHNOLOGY CENTER 3700

RECEIVED

MAY 18 1999

U.S. PATENT DOCUMENTS

<u>Patent No.</u>	<u>Issue Date</u>	<u>Inventor(s)</u>
3,739,943	06/19/73	Wilhelmson et al.
3,858,574	01/07/75	Page
3,910,257	10/07/75	Fletcher et al.
4,173,971	11/13/79	Karz
4,413,314	11/01/83	Slater et al.
4,449,538	05/22/84	Corbitt et al.
4,531,527	07/30/85	Reinhold, Jr. et al.
4,561,443	12/31/85	Hogrefe et al.



<u>Patent No.</u>	<u>Issue Date</u>	<u>Inventor(s)</u>
4,586,260	05/06/86	Baxter et al.
4,624,661	11/25/86	Arimond
4,676,776	06/30/87	Howson
4,696,671	09/29/87	Epstein et al.
4,731,051	03/15/88	Fischell
4,756,706	07/12/88	Kerns et al.
4,797,840	01/10/89	Fraden
4,803,625	02/07/89	Fu et al.
4,810,243	03/07/89	Howson
4,828,545	05/09/89	Epstein et al.
4,850,972	07/25/89	Schulman et al.
4,865,584	09/12/89	Epstein et al.
4,871,351	10/03/89	Feingold
4,901,221	02/13/90	Kodosky et al.
4,925,444	05/15/90	Orkin et al.
4,933,843	06/12/90	Scheller et al.
4,942,514	07/17/90	Miyagaki et al.
4,952,928	08/28/90	Carroll et al.
4,995,268	02/26/91	Ash et al.
5,038,800	08/13/91	Oba
5,078,683	01/07/92	Sancoff et al.
5,100,380	03/31/92	Epstein et al.
5,109,849	05/05/92	Goodman et al.
5,115,133	05/19/92	Knudson
5,116,312	05/26/92	Blankenship et al.
5,137,023	08/11/92	Mendelson et al.
5,152,296	10/06/92	Simons
5,153,827	10/06/92	Coutré et al.
5,155,693	10/13/92	Altmayer et al.
5,165,874	11/24/92	Sancoff et al.
5,167,235	12/01/92	Seacord et al.
5,191,891	03/09/93	Righter
5,207,642	05/04/93	Orkin et al.
5,213,099	05/25/93	Tripp, Jr.
5,226,425	07/13/93	Righter
5,230,623	07/27/93	Guthrie et al.
5,256,157	10/26/93	Samiotes et al.
5,291,190	03/01/94	Scarola et al.
5,295,062	03/15/94	Fukushima
5,297,554	03/29/94	Glynn et al.
5,317,506	05/31/94	Coutré et al.
5,338,157	08/16/94	Blomquist



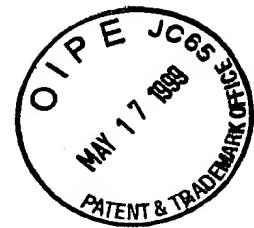
<u>Patent No.</u>	<u>Issue Date</u>	<u>Inventor(s)</u>
5,361,758	11/08/94	Hall et al.
5,368,562	11/29/94	Blomquist et al.
5,376,070	12/27/94	Purvis et al.
5,378,231	01/03/95	Johnson et al.
5,395,321	03/07/95	Kawahara et al.
5,395,329	03/07/95	Fleischhackor et al.
5,400,246	03/21/95	Wilson et al.
5,412,400	05/02/95	Takahara et al.
5,429,602	07/04/95	Hauser
5,469,855	11/28/95	Pompei et al.
5,482,446	01/09/96	Williamson et al.
5,485,408	01/16/96	Blomquist
5,509,422	04/23/96	Fukami
5,522,396	06/04/96	Langer et al.
5,544,651	08/13/96	Wilk
5,558,638	09/24/96	Evers et al.
5,558,640	09/24/96	Pfeiler et al.
5,569,187	10/29/96	Kaiser
5,573,506	11/12/96	Vasko
5,582,593	12/10/96	Hultman
5,609,575	03/11/97	Larson et al.
5,643,212	07/01/97	Coutré et al.
5,658,250	08/19/97	Blomquist et al.
5,807,336	09/15/98	Russo et al.
5,885,245	03/23/99	Lynch et al.
5,895,371	04/20/99	Levitas et al.

OTHER DOCUMENTS

A. H. McMorris et al., "Are Process Control Rooms Obsolete?", Control Engineering, pp. 42-47, July 1971.

Jack Crone, Jaromir Belic, and Roger W. Jelliffe, "A Programmable Infusion Pump Controller," 30th Annual Conference on Engineering in Medicine and Biology, November 5-9, 1977, Los Angeles, California (11 pages).

James D. Foley and Andries Van Dam, "Fundamentals of Interactive Computer Graphics," Addison-Wesley Publishing Company, 1982, selected pages from Chapters 1 and 2 (11 pages).



L. C. Sheppard, "Computer Based Clinical Systems: Automation and Integration," 39th ACEMB, September 13-16, 1986, Baltimore, Maryland, pp. 73-75.

Peter Lord et al., "MiniMed Technologies Programmable Implantable Infusion System," Annals New York Academy of Sciences, pp. 66-71, describing clinincal trials from November 1986.

Literature, I-Flow Corporation, advertising its Vivus 4000™ Infusion System; Presentation materials, Eric W. Brown, "Trends in Complex I.V. Therapies for the Home Infusion Market, presented at Advances in Drug Delivery, Dallas, Texas, December 7, 1988, 10 pages.

Product literature, Baxter Healthcare Corporation, "The MultiPlex™ Series 100 Fluid Management System," copyright 1988, 2 pages.

Product literature, Baxter Healthcare Corporation, "MultiPlex™ Series 100 Fluid Management System," undated, 2 pages.

"LabView®2 User Manual: Chapter 2, The Front Panel," National Instruments Corporation, January 1990; title page and pp. 2-1:2-36.

Jack Shandle, "Who Will Dominate the Desktop in the '90s? IBM and Apple Rev Their Technology Engines as the Multimedia Age Begins," Electronics, February 1990, pp. 48-50.

Product literature, Abbott Laboratories, LifeCare® The Blue Line System, July 1990, 8 pages.

"BLOCK Medical: Growing With Home Infusion Therapy," INVIVO The Business and Medicine Report, April 1991, pp. 7-9.

Marshall D. Bedder et al., "Cost Analysis of Two Implantable Narcotic Delivery Systems," Journal of Pain and Symptom Management, Vol. 6, No. 6, August 1991, pp. 368-373.

Jerry Hirsch, "Portable IV Frees Patients," The Orange County Register, November 21, 1991, 1 page.

"IEEE-488 and VXIbus Control, Data Acquisition, and Analysis...the Most Choices," National Instruments, Application Software Products, 1991, pp. 1-1:1-13, 1-38, 4-68:4-69 (17 pages).

Deborah J. Mayhew, "Principles and Guidelines in Software User Interface Design," Prentice-Hall, Inc., 1992, selected portions of Chapter 9 (17 pages).

Ben Shneiderman, "Designing the User Interface: Strategies for Effective Human-Computer Interaction," Addison-Wesley Publishing Company, 1992, Chapter 5: Direct Manipulation (56 pages).

Product literature, Baxter Healthcare Corporation, "Flo-Gard® 6201 Volumetric Infusion Pump," copyright 1992, 2 pages.

Brochure, "IMED® STATUS™ Infusion Management System," (undated, 6 pages).

Supplemental FDA 510K Notification dated November 9, 1995 by Sabratek Corporation regarding Sabratek's 3030 Infusion Pump and Sabratek's Communication Link Software Package.

Response of Sabratek Corporation dated March 5, 1996 to FDA request for additional information, 8 pages.

Copies of the above documents are enclosed herewith.

Applicants' attention has been drawn to a large quantity of prior art because Applicants' assignee was recently sued on Claim 12 of cited U.S. Patent No. 5,338,157 to Blomquist. The '157 patent describes a system wherein a healthcare provider can input drug therapy into a remote computerized pump and send the information to the patient's pump via a modem (the "pump-to-pump" system). The above constitutes information that an Examiner may find material to the examination of the subject application; however, it does not negate the patentability of the subject invention.

Appln No. 09/248,057
Filed February 10, 1999

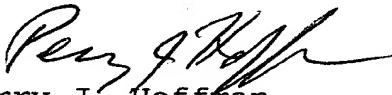
INFORMATION DISCLOSURE STATEMENT
Attorney Docket 62492

Pursuant to 37 CFR § 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 CFR § 1.56(b).

Respectfully submitted,

FITCH, EVEN, TABIN & FLANNERY

By


Perry J. Hoffman
Registration No. 37,150

May 13, 1999

120 South LaSalle Street, Suite 1600
Chicago, Illinois 60603-3406
(312) 577-7000